

BRITISH STANDARD

Methods for measuring the skid resistance of pavement surfaces –

Part 1: Sideway-force coefficient routine investigation machine

ICS 93.080.20



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Summary of pages

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Foreword

Publishing information

This British Standard was published by BSI. It was prepared by Subcommittee B/510/5, *Surface characteristics*, under the authority of Technical Committee B/510, *Road materials*. A list of organizations represented on this committee can be obtained on request to its secretary.

Supersession

This part of BS 7941 supersedes BS 7941-1:1999 which is declared obsolescent.

Information about this document

This new edition represents a full revision of the standard, and introduces the following principal changes.

- Corrects typographical errors in the 1999 edition.
- Takes account of changes that have introduced dynamic vertical load measurement (DVLM) to all UK SCRIMs.
- Changes the way in which calibration processes are covered in the document, although not in the principles involved. The standard now describes the principles of the calibration processes and cites the manufacturer's instructions for the detail of how to carry them out. This revision puts this into effect for the existing (horizontal) static calibration and adds a subclause to cover the new vertical load calibration, which has two procedures, one for full calibration and the other for a daily spot-check.

Relationship with other publications

The changes to the hardware associated with the introduction of DVLM were implemented across the whole of the UK fleet in early 2004. The changes in this revision reflect the new position. However, there may be SCRIM owners elsewhere in the world who refer to this British Standard but who will no longer be able to comply fully because their machines are not fitted with a DVLM system. They will need to continue to refer to the 1999 edition, upgrade their machines or change their operating procedures to take account of the differences.

The standard is issued in two parts:

- *Part 1: Sideway-force coefficient routine investigation machine*
- *Part 2: Test method for measurement of surface skid resistance using the GripTester braked wheel fixed slip device*

Presentation conventions

The provisions of this standard are presented in roman (i.e. upright) type. Its requirements are expressed in sentences in which the principal auxiliary verb is "shall".

Commentary, explanation and general informative material is presented in smaller italic type, and does not constitute a normative element.

Contractual and legal considerations

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.